

Operation:

Page 4, last paragraph (extends to page 5), replace with the following new paragraph:

When the article-detection devices, such as the article-sensing vision system 14 or radiation emitting and receiving article sensors 16,18,20, detect a molded article, or portion of an article 30, the article-detection controller 24 is alerted of the condition. The article-detection controller 24 enables the molding machine controller 26 to perform an additional ejection ~~sequence~~ on sequence with the mold ejector system 22 when an article, or a portion of an article, 30 is detected in the injection mold. The mold ejector system 22 can encompass all methods of ejection known to the ordinarily skilled artisan such as, and not limited to, mechanical ejection and pneumatic ejection. If the molded article, or portion thereof 30, is not detected by the article-detection devices ~~after the second ejection~~, the mold is allowed to close and start its next cycle. If the molded article, or portion thereof 30, is detected by the article-detection devices ~~after the second ejection~~, subsequent ejection sequences and inspections are performed to self-correct the problem. After exhausting the predetermined number of ejection sequences, the molding machine controller 26 will signal for alternative intervention.

Page 5, last paragraph, replace with the following new paragraph:

Although the description above contains many specifics, these should not be construed as limiting the scope of the invention, but as merely providing illustrations of some of the presently preferred embodiments of this invention. For example, the article-detection controller and molding machine controller can be one and the same, wireless communications can be utilized to communicate between the devices, etc. The injection mold could be a plastic-injection mold, a metal-injection mold, a silicone-injection mold, etc. The molded article could be a plastic-injection molded article, a metal-injection molded article, a silicone-injection molded article, etc. The molded article could be a portion of the article that is not the intended product, and considered a byproduct of the injection process. The scope of the invention should be determined by the appended claims and their legal equivalents, rather than by the examples given.